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Commissioner for Patents, Alexandria, VA 22313-1450.

2/24/04  
(Date of Deposit)

Karen Cinq-Mars

(Signature)

2/24/04  
(Date)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of : February 12, 2004  
Liebmann et al. :  
Serial No. 10/708,055 : Examiner:  
Filed: 02-05-04 : IBM Corporation  
Dept. 18G/Bldg. 300-482  
2070 Route 52  
Hopewell Junction,  
New York 12533-6531  
Title: METHOD OF CONFLICT AVOIDANCE  
IN FABRICATION OF GATE-SHRINK  
ALTERNATING PHASE SHIFTING MASKS :

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under  
37 C.F.R. § 1.56 and in accordance with the practice under  
37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to  
the documents listed on the enclosed Form PTO-1449. Copies of the  
listed documents are also enclosed.

It is respectfully requested that the above information be  
considered by the Examiner and that a copy of the enclosed Form  
PTO-1449 be returned indicating that such information has been  
considered.

Applicants undersigned attorney may be reached by telephone

FIS920030379US1

at (845) 894-6919. All correspondence should continue to be directed to the below listed address.

Respectfully submitted,



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Todd M. C. Li  
Attorney for Applicants  
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INTERNATIONAL BUSINESS MACHINES CORPORATION  
Intellectual Property Law Department  
B/300-482  
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TML/kcm

## SUPPLEMENTAL INFORMATION DISCLOSURE

Sheet 1 of 1

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTN: <del>DOCK</del> NO.: FIS920030379US1	SERIAL NO.: 10/708,055
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Lars W. Liebmann et al.	
(Use several sheets if necessary) (37 CFR 1.98(b))		FILING DATE: 02-05-04	GROUP:

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AT						
	AU						
	AV						
	AW						
	AX						
	AY						
	AZ						

		U.S. PATENT APPLICATION NO.	PUBLICATION DATE	INVENTOR			
	BA	US2003/0056190A1	03/20/2003	Liu et al.			
	BB						
	BC						
	BD						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION YES NO
	BE						
	BF						
	BG						
	BH						
	BI						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	BJ	"Alternating Phase Shifted Mask for Logic Gate Levels, Design and Mask Manufacturing", Lars Liebmann, Ioana Graur, William Liepold, James Oberschmidt, David O'Grady and Denis Riegaill, IBM Microelectronics, 12 pages
	BK	
	BL	
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.		